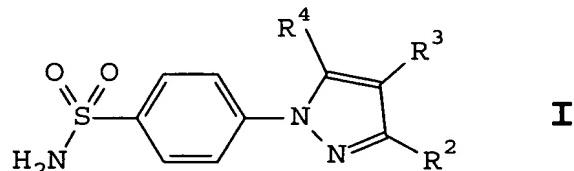


METHOD OF USING CYCLOOXYGENASE-2 INHIBITORS  
IN THE TREATMENT AND PREVENTION OF DEMENTIA

**ABSTRACT**

This invention relates to the use of cyclooxygenase-2 inhibitors or derivatives thereof in preventing and treating dementia. In particular, the invention describes the method of preventing and treating dementia in a subject, said method comprising treating the subject with a therapeutically-effective amount of a compound of Formula I



wherein R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> are as described in the specification.

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